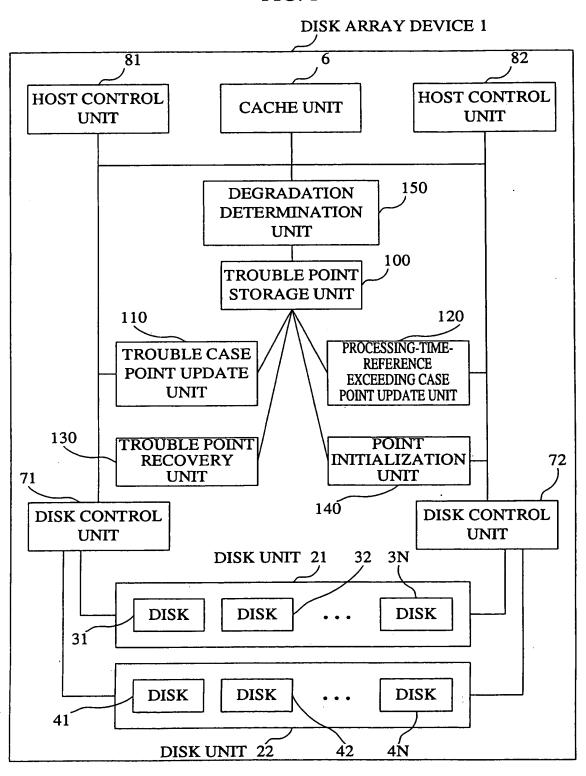
1/12

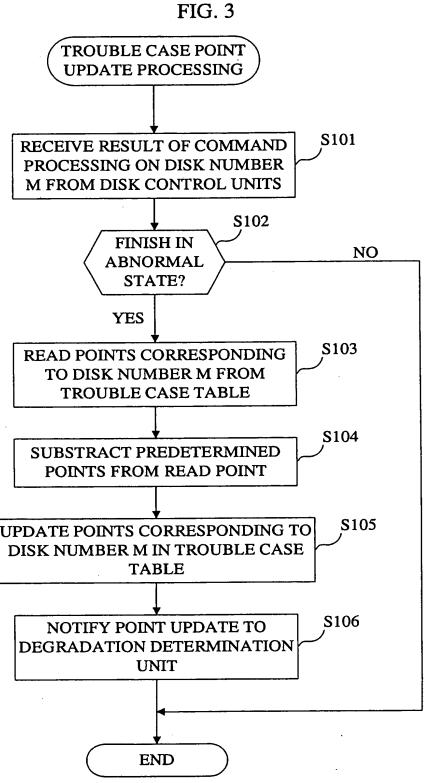
FIG. 1



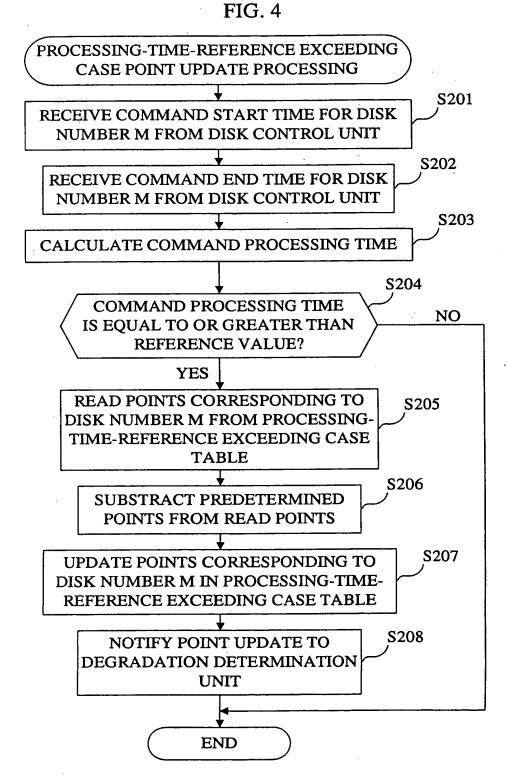
2/12 FIG. 2

DISK NUMBER	POINT	
1	600	\bigcap
2	600	1 /
3	600	TROUBLE CASE TABLE
4	600	
•	•	
•	:	
N-1	600	1 \
N	600	1)
1	600	Ď
2	600	1 /
3	600]
4	600	PROCESSING-TIME- REFERENCE EXCEEDING
•	•	CASE TABLE
:		102
N-1	600] \
N	600	\cup

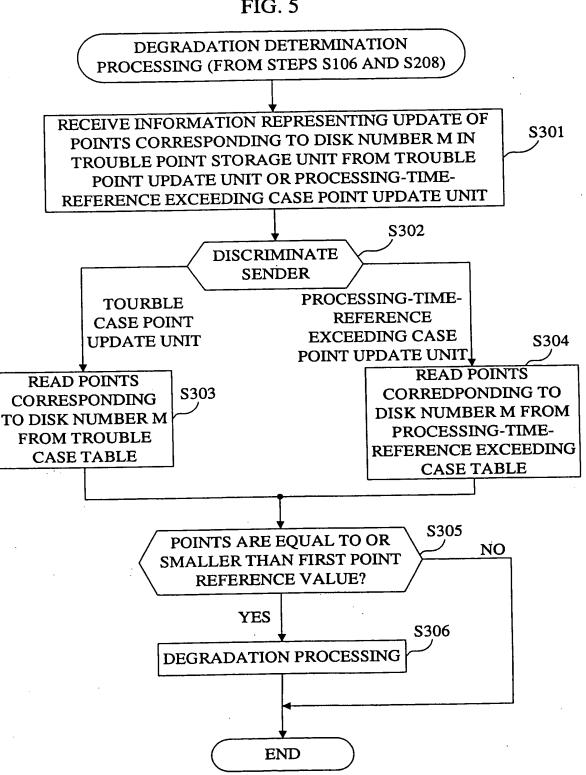
3/12

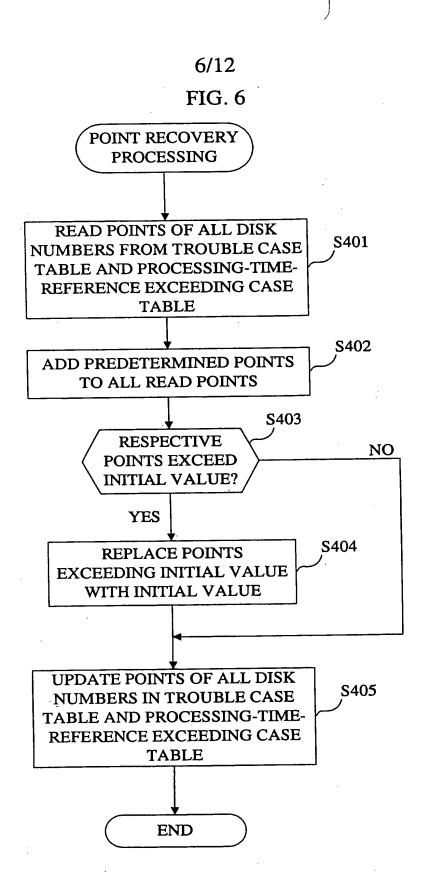


4/12

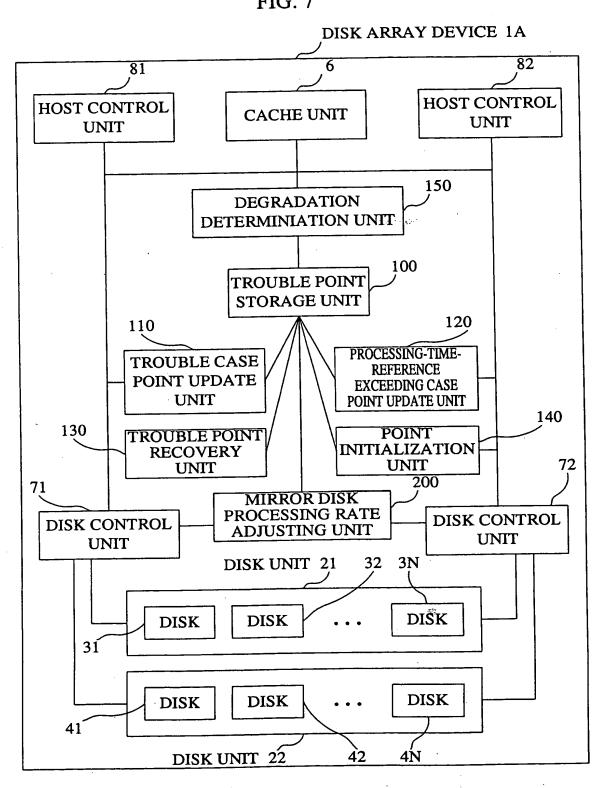


5/12 FIG. 5





7/12 FIG. 7



8/12 FIG. 8

EQUAL-TO/UNDER-REFERENCE-VALUE DISK NUMBER TABLE

103

DISK NUMBER	EQUAL-TO/UNDER-REFERENCE-VALUE FLAG	
00	0/1	
01	0/1	
•	•	
•	•	
•	•	
- ON	0/1	
10	0/1	
11	0/1	
•	•	
•	•	
•	•	
1N	0/1	

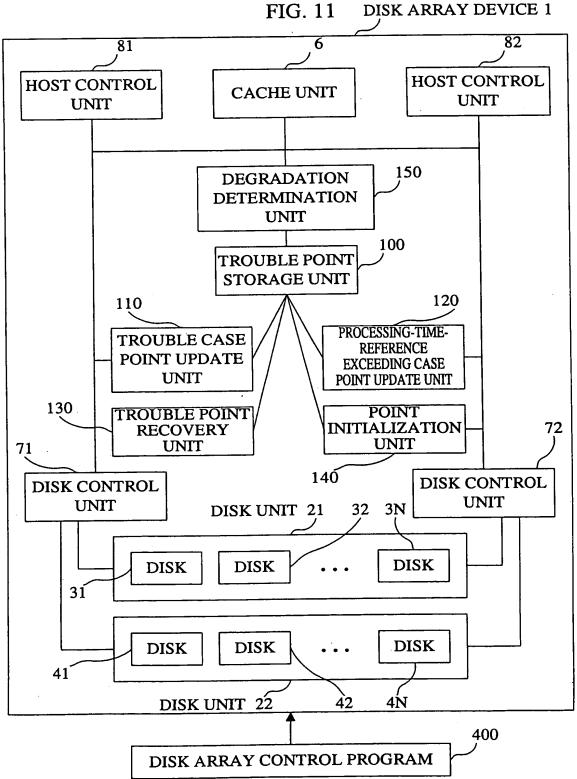
9/12 FIG. 9

RATE ADJUSTING TABLE 104

DISK NUMBER	ADJUSTING FLAG
00	0/1
01	0/1
•	. •
•	•
•	•
0N	0/1
10	0/1
11	0/1
•	•
•	•
•	. •
1N	0/1

10/12 FIG. 10 PROCESSING RATE **UPDATE PROCESSING** S501 WAIT FOR PREDETERMINED TIME READ POINTS OF ALL DISKS FROM S502 TROUBLE CASE TABLE AND PROCESSING-TIME-REFERENCE **EXCEEDING CASE TABLE** S503 GENERATE EQUAL-TO/UNDER-REFERENCE-VALUE DISK **NUMBER TABLE** SUBJECT FLAGS OF EACH DISK IN S504 EQUAL-TO/UNDER-REFERENCE-VALUE DISK NUMBER TABLE AND RATE ADJUSTING TABLE TO EXOR OPERATION S505 EXTRACT DISKS HAVING **OPERATION RESULT "1"** S506 PERFORM DETERMINATION ON FLAG IN EQUAL-TO/ UNDER-REFERENCE-VALUE DISK NUMBER TABLE **S508** S507 **ADJUST RETURN** PROCESSING RATE PROCESSING RATE TO NORMAL RATE **END**

11/12
FIG 11 DISK ARRAY DEVICE 1



12/12

